

FIG. 1

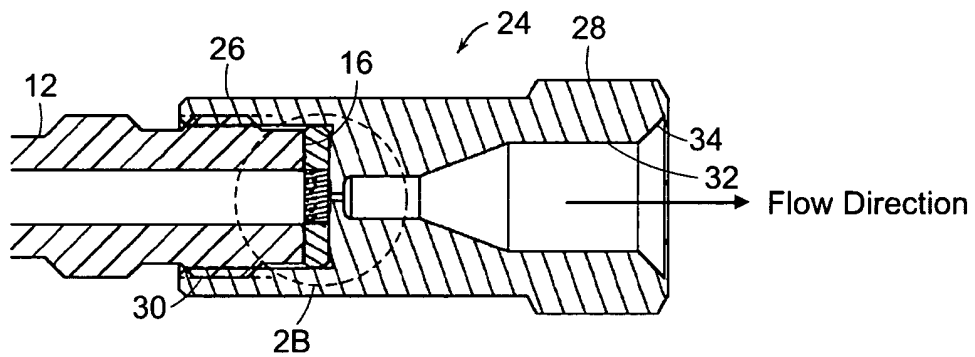


FIG. 2A

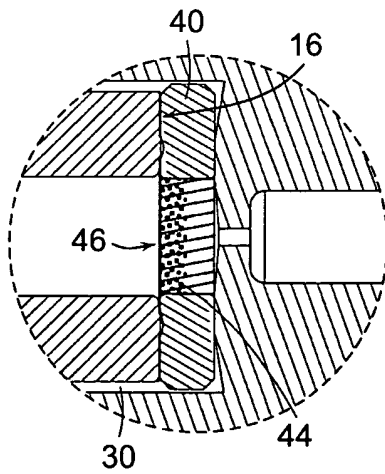


FIG. 2B

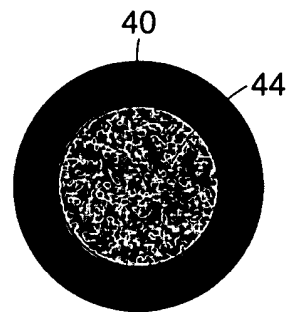


FIG. 3

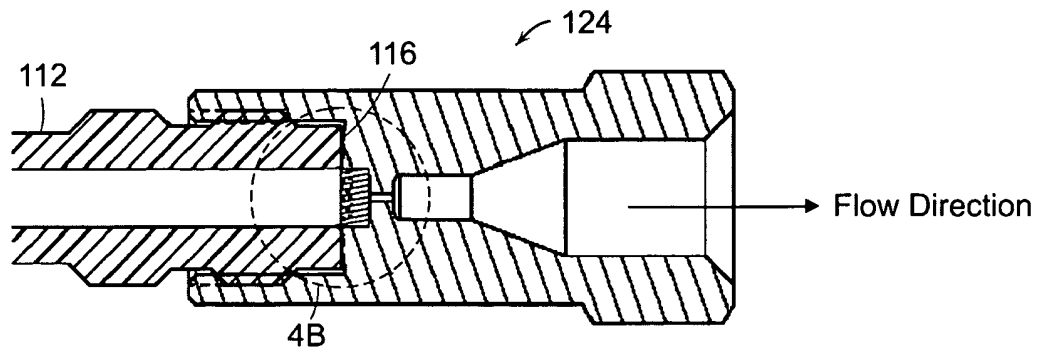


FIG. 4A

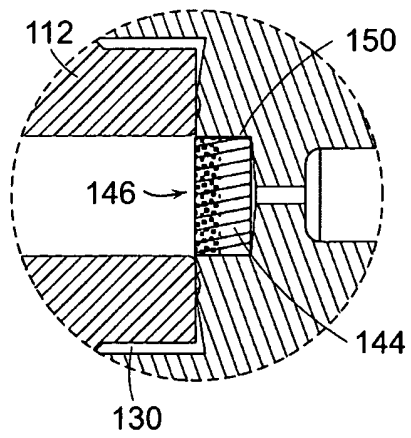


FIG. 4B

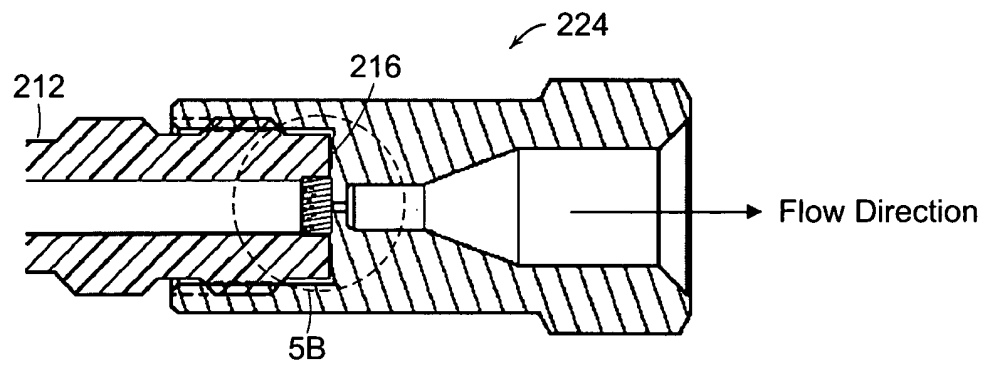


FIG. 5A

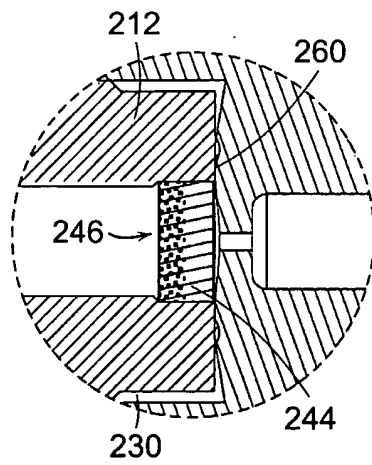


FIG. 5B

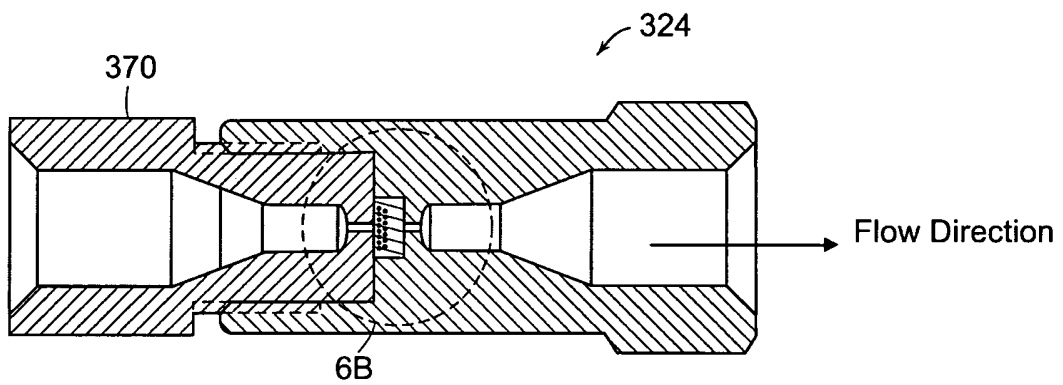


FIG. 6A

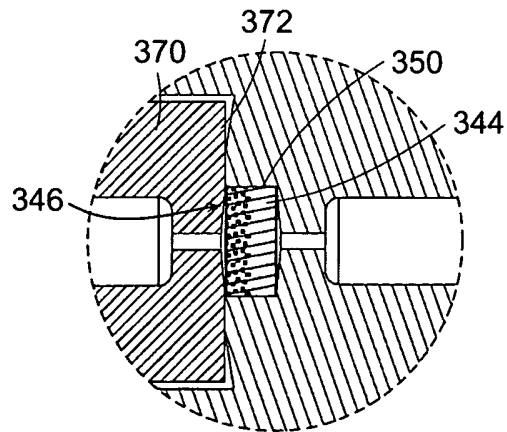


FIG. 6B

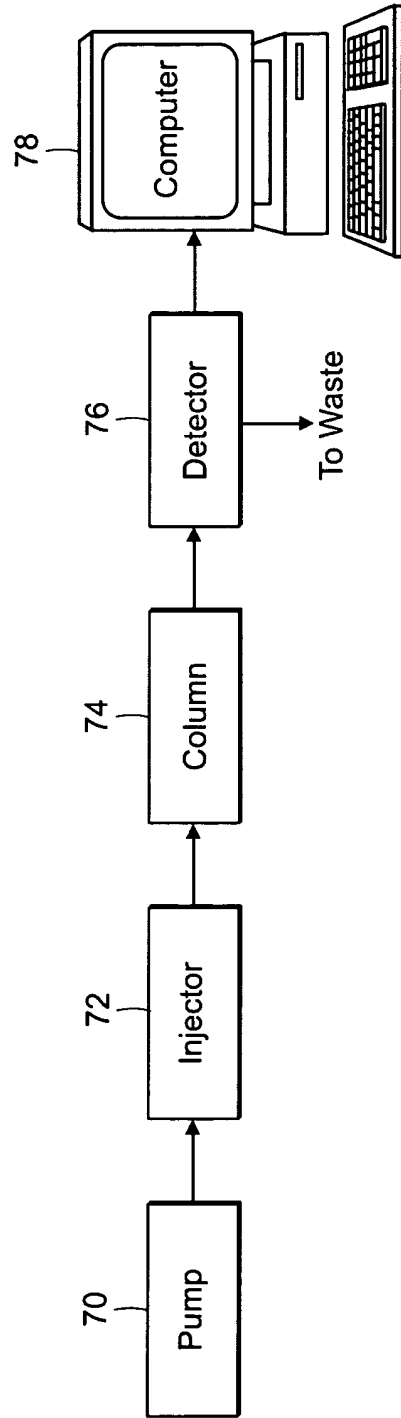


FIG. 7
PRIOR ART

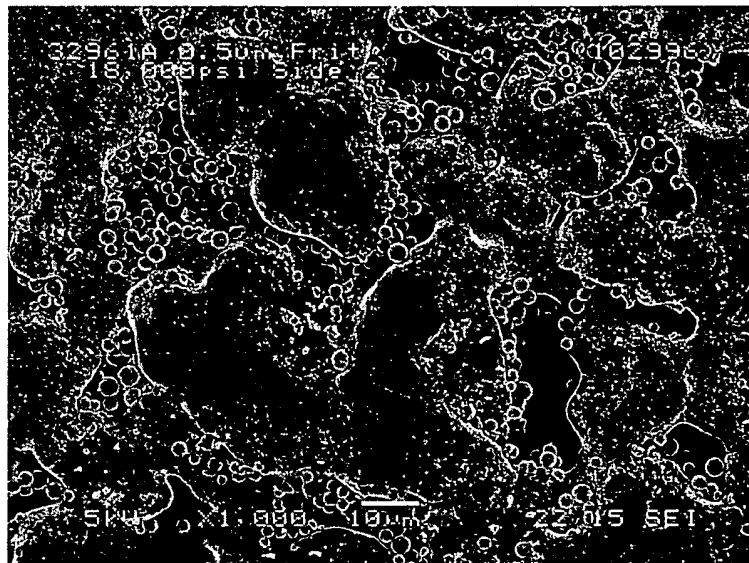


FIG. 8
PRIOR ART

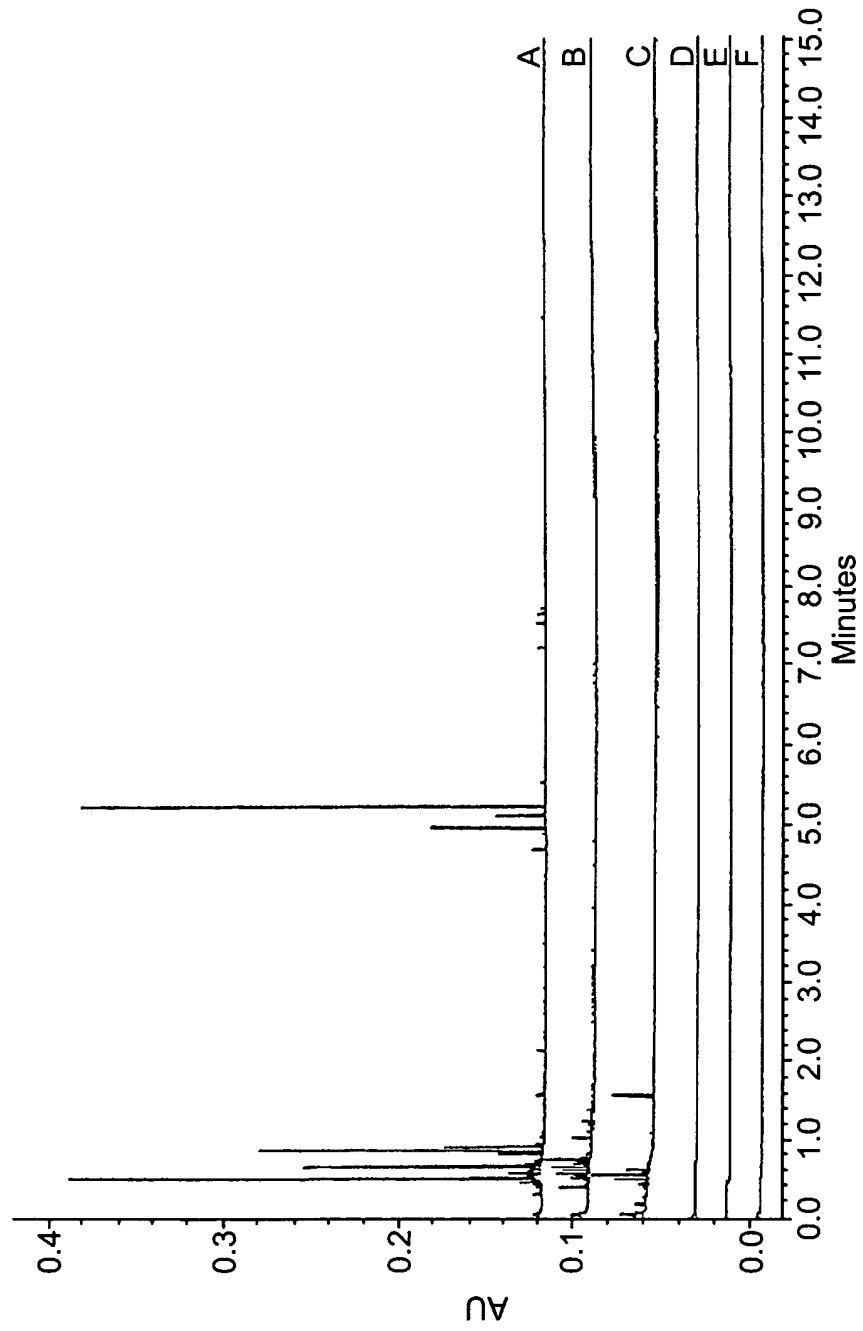
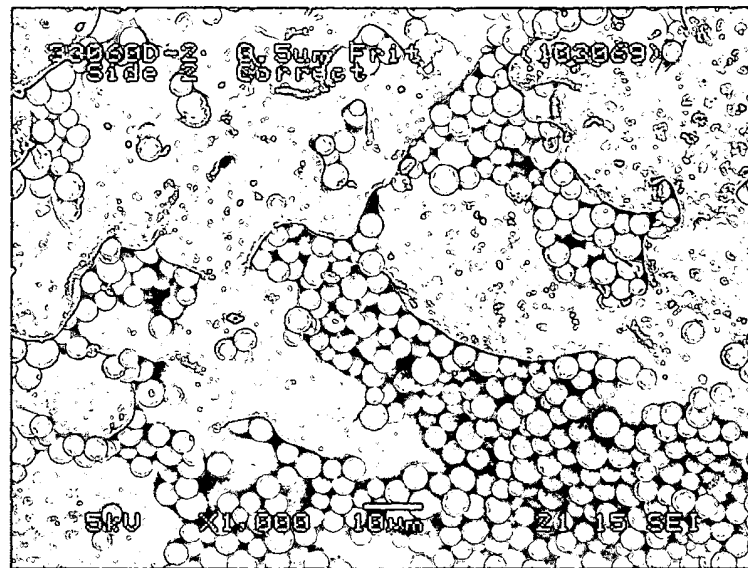
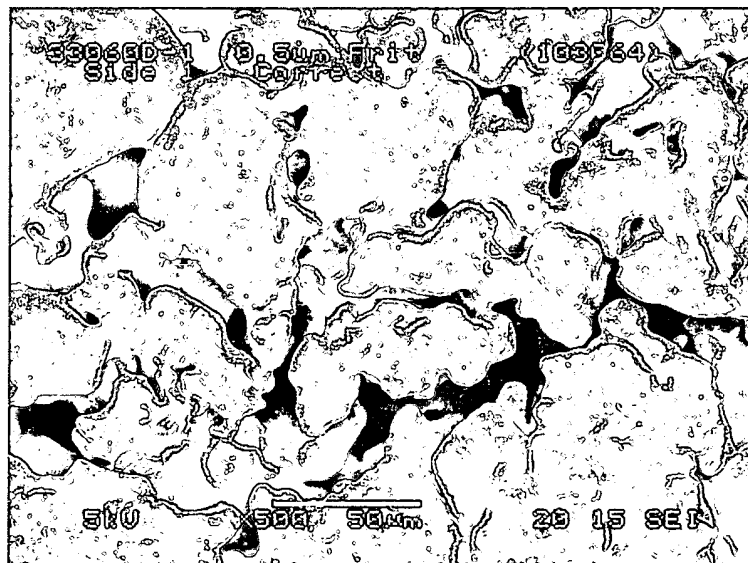


FIG. 9



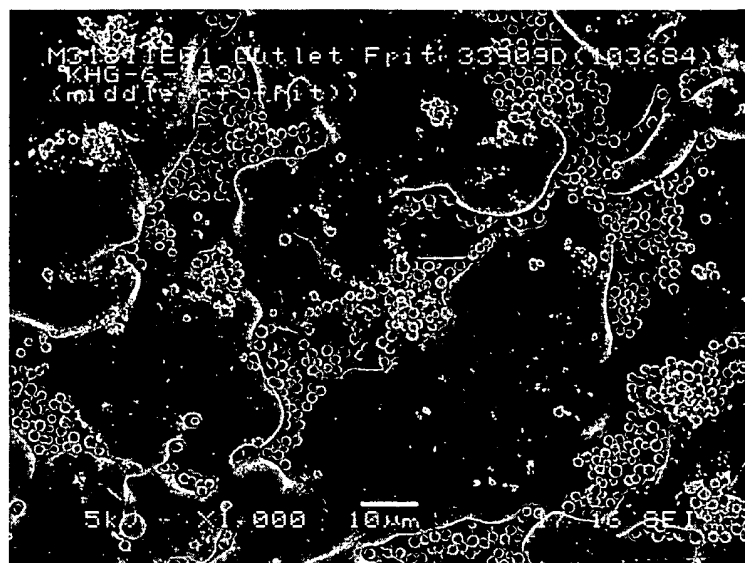
Top of 0.5 media grade frit filled with 3.5 micrometer chromatographic particles.

FIG. 10A



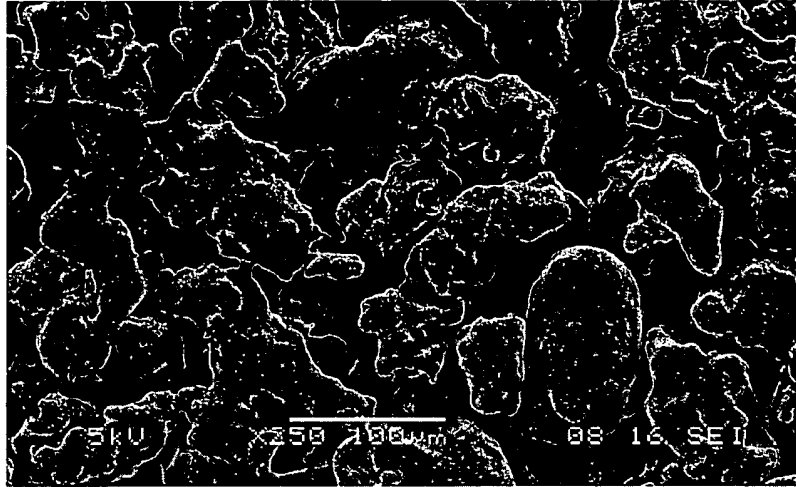
Bottom or down stream side of 0.5 media grade frit filled with 3.5 micrometer chromatographic particles

FIG. 10B



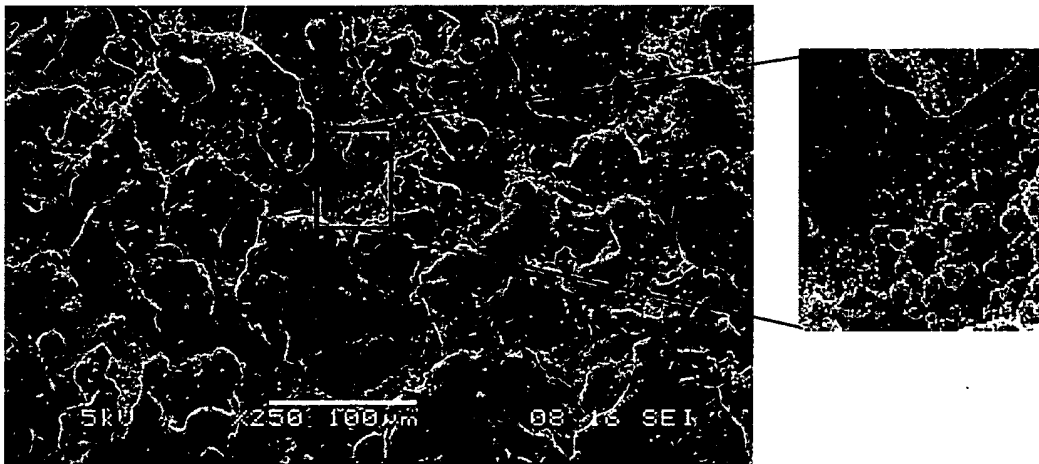
Top of 0.5 media grade frit filled with 2 micrometer chromatographic particles.

FIG. 10C



SEM of 0.5 media grade frit prior to filling

FIG. 11A



SEM of 0.5 media grade frit after filling with 4 micrometer spherical stainless steel particles and sintered in secondary process.

FIG. 11B